

CLAIMS

1. Timepiece including in particular a functional unit (1) including magnetised masses (5), an electronic module (6) including a support with conductive paths (9) connected to at least one integrated circuit (7), characterised in that at least the conductive paths (9) located in proximity to
5 said functional unit (1) have essentially non-magnetic properties
2. Timepiece according to claim 1, characterised in that said conductive paths (9) include a protective layer formed of a non-magnetic material.
3. Timepiece according to claim 2, characterised in that said
10 protective layer is made of a nickel based alloy.
4. Timepiece according to any of the preceding claims, characterised in that said electronic module (6) further includes at least a discrete electronic unit (13), in particular a capacitor, and in that said discrete electronic unit is exclusively formed of materials having essentially non-magnetic properties.
- 15 5. Timepiece according to any of the preceding claims, characterised in that said conductive paths (9) include an adherence underlayer formed of a non-magnetic material.
6. Timepiece according to claim 5, characterised in that said adherence underlayer is made of a nickel based alloy.
- 20 7. Timepiece according to any of the preceding claims, characterised in that said functional unit (1) is a microgenerator.
8. Timepiece according to claim 7, characterised in that said microgenerator (1) includes a rotor (2) including two flanges (3) each having substantially the shape of a disc and each carrying, on its face facing the other
25 flange, an even number of magnetised masses (5), said electronic module (6) including at least a stator coil (4) fixed to said support and partially inserted between the two flanges (3), the conductive paths (9) of said support connecting said at least one coil (4) to said integrated circuit (7) having essentially non-magnetic properties.
- 30 9. Timepiece according to any of claims 1 to 6, characterised in that said functional unit allows the presence of an external magnetic field to be detected.
10. Timepiece according to claim 9, characterised in that said functional unit (1) assures the function of a compass.